Course #425: Strengthening Eye Care Sustainability in Developing Countries: Case Examples

Case Study from Africa Ghana

Victoria M. Sheffield, John M. Barrows, Raheem Rahmathullah

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Staffing Up

Before:

- 1 ophthalmologist
- . 5 ophthalmic nurses 1 accounts clerk
- 1 records keeper
- cleaner shared with Maternity •



- 1 ophthalmologist •
- 1 medical officer
- 2 optometrist (1 permanent, 1 locum 2 auxiliary nurses
- cleaner no longer shared

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Equipment

Before

- 1 slit lamp with Goldmann applanation tonometer .
- 1 old ScanOptics microscope without a teaching loupe .
- 2 indirect ophthalmoscopes
- Cataract surgery with standard IOLs no biometry .
- Refractions referred to private optical shops lost revenue •
- Glaucoma patients referred to private clinics for visual fields . - lost revenue
- Little outreach due to lack of motivation and transport

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Added Equipment

- 3 slit lamps
- 2 operating microscopes
- 1 autorefractokeratometer .
- A-scan
- 5 cataract sets
- consumables to last for 2 years .
- Perkins, Shiøtz and air puff tonometers
- IEF in collaboration with LDS: - V/F analyzer - revenue
 - mini-bus for outreach

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Constraints

- · Africa means working with MOH
- · Few qualified ophthalmologists for staffing up
- Few optometrists and ophthalmic nurses •
- NGOs/others hire qualified staff for projects removing them from eye clinics and MOH system
- · Lack of a separate bank account and control of funds
- · Limited decision making on use of revenue

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Positive Trends

- Africa is changing
- More young, well trained ophthalmologists
- Ophthalmologists returning to Africa after training
- MOH in some countries requires hospitals to earn revenue
- Ghana introduced national health insurance scheme
- Patients recognize quality is worth paying for
- Some African countries have ophthalmology and optometry έ. training programs
- Working with government institutions means that approx. 60% of service costs are already covered (salaries, utilities, and other core costs, etc.)

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Summary

- Significant role of governments (MOH) in service delivery
- Public/private partnerships in government services Paying side (revise fees, capture insurance patients)
 - Optometry, diagnostic exam services
 - Ancillary services (private rooms, cafeteria, etc.)
- Policies to support service delivery needs
- Control of Eye Department assets and revenue
- Import restrictions flexible on medical equipment, consumables,
- frames and lenses
- Foreign exchange regulations to encourage import of consumables - Temporary work permits until local capacity is built
- Compensation packages and career path for employees to promote retention

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